

# THURSTON COUNTY'S FISH PASSAGE ENHANCEMENT PROGRAM



# PROCESS

1

## INVENTORY

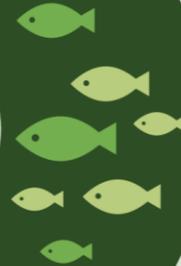
Generate a list of all culverts and locations within the county



2

## IDENTIFY

Create a list of all potential fish barring culverts using established local, state and federal guidelines



4

## PRIORITIZE

Rank each project by the total score, taking into account any potential obstacles to the project through site visits and consultation with stakeholders



3

## CATEGORIZE

Using a scale of 100, assign scores to each fish barrier based upon 5 criteria - anadromous fish access - potential habitat gain barrier status - culvert condition - maintenance history



5

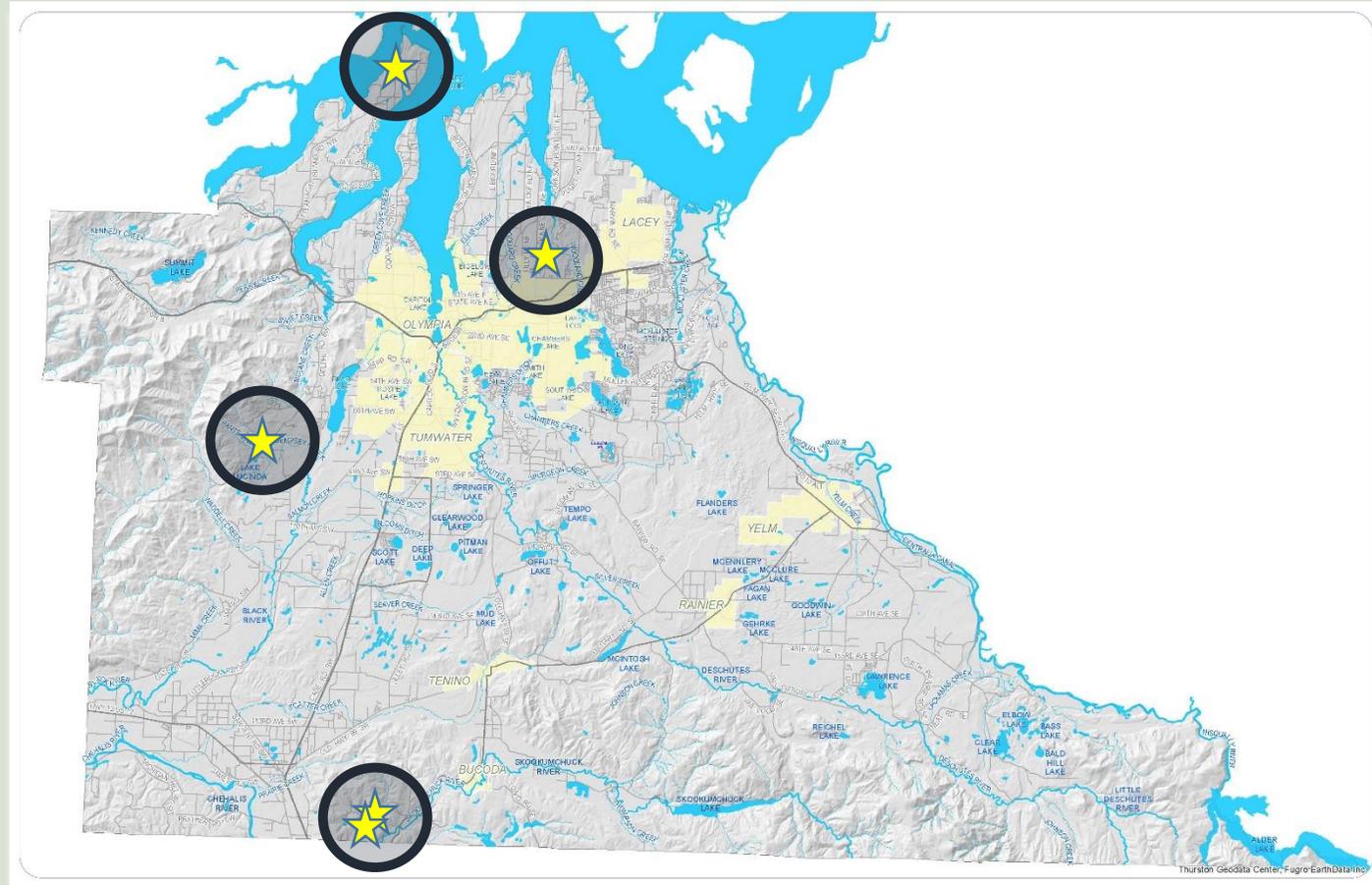
## RECOMMEND & REPEAT

Produce a list of projects to complete within budget maximizing the total amount of fish habitat to gain, repeating steps 4 and 5 each budget cycle



# 2017/2018 PROJECTS

- 26<sup>th</sup> Avenue Culvert
- Waddell Creek Road at Pants Creek
- Troy Drive at O'Connor Creek
- Flumerfelt Road at O'Connor Creek
- Hunter Point Road Culvert



# 26<sup>TH</sup> AVE EAST OF SLEATER KINNEY

- 18-inch diameter culvert
- Coho, Cutthroat Trout
- 11-foot pipe arch proposed
- Cost: \$591,233



# 26<sup>TH</sup> AVE EAST OF SLEATER KINNEY



# 26<sup>TH</sup> AVE EAST OF SLEATER KINNEY



**Before**



**After**

# WADDELL CREEK RD. AT PANTS CREEK

- 36-inch diameter culvert
- Coho, Steelhead, Cutthroat Trout
- 16-foot box culvert proposed
- Cost: \$784,670



Before

7

# WADDELL CREEK RD. AT PANTS CREEK



# WADDELL CREEK RD. AT PANTS CREEK



During



During



During



During

# WADDELL CREEK RD. AT PANTS CREEK



# WADDELL CREEK RD. AT PANTS CREEK



Before



After

# TROY DR. AT O'CONNOR CREEK

- Two 48-inch diameter culverts
- Coho, Steelhead, Cutthroat Trout
- 55-foot bridge proposed
- Cost: \$815,529



# TROY DR. AT O'CONNOR CREEK



During



# TROY DR. AT O'CONNOR CREEK



# TROY DR. AT O'CONNOR CREEK



Before



After



# TROY DR. AT O'CONNOR CREEK



# FLUMERFELT ROAD AT O'CONNOR CREEK

- Three 36-inch diameter culverts
- Coho, Steelhead, Cutthroat Trout
- 35-foot bridge proposed
- Cost: \$906,093



Before

17

# FLUMERFELT ROAD AT O'CONNOR CREEK



# FLUMERFELT ROAD AT O'CONNOR CREEK



Before

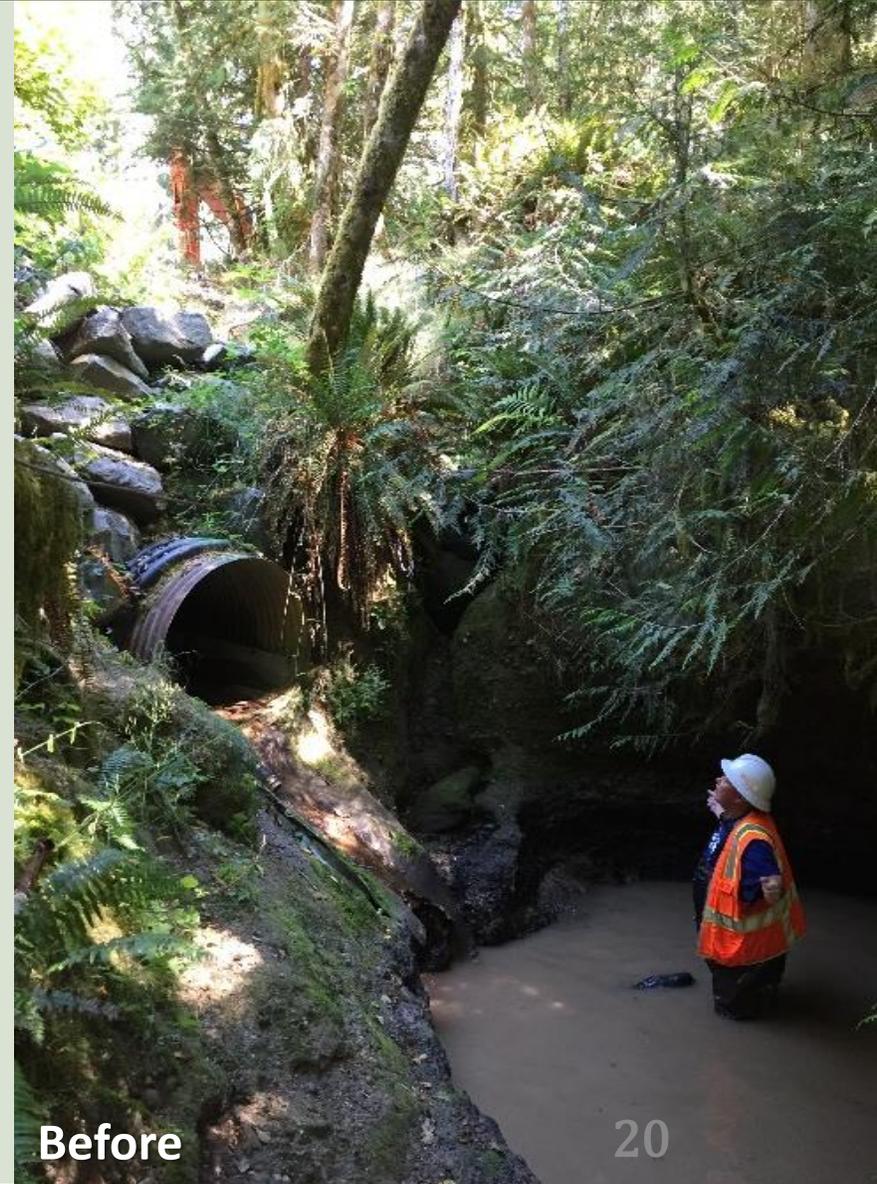


After



# HUNTER POINT ROAD

- 48-inch diameter culvert
- Coho, Steelhead, Cutthroat Trout
- 80-foot bridge proposed
- Cost: \$1,319,088



# HUNTER POINT ROAD



During

During

During

21

# HUNTER POINT ROAD



During

Thurston County Public Works



# HUNTER POINT ROAD



Before



Almost after

# HUNTER POINT ROAD



# SUMMARY

1

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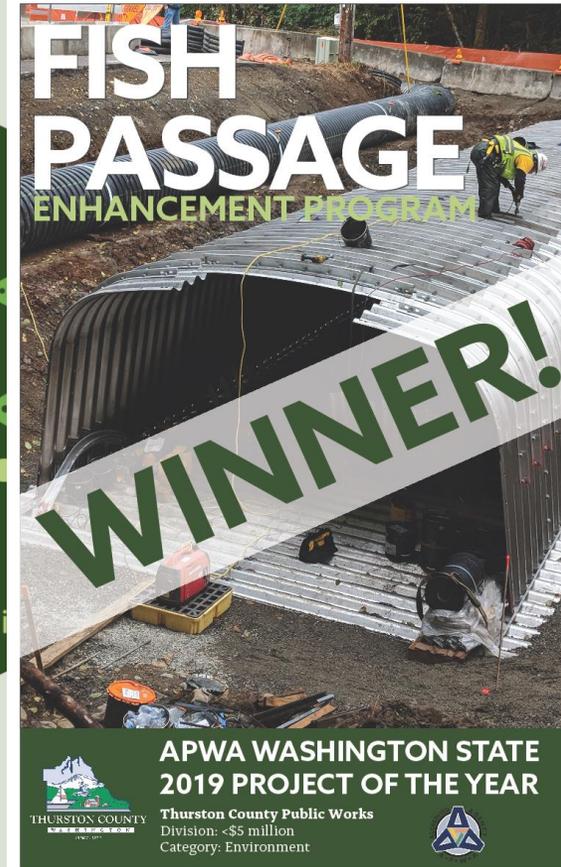
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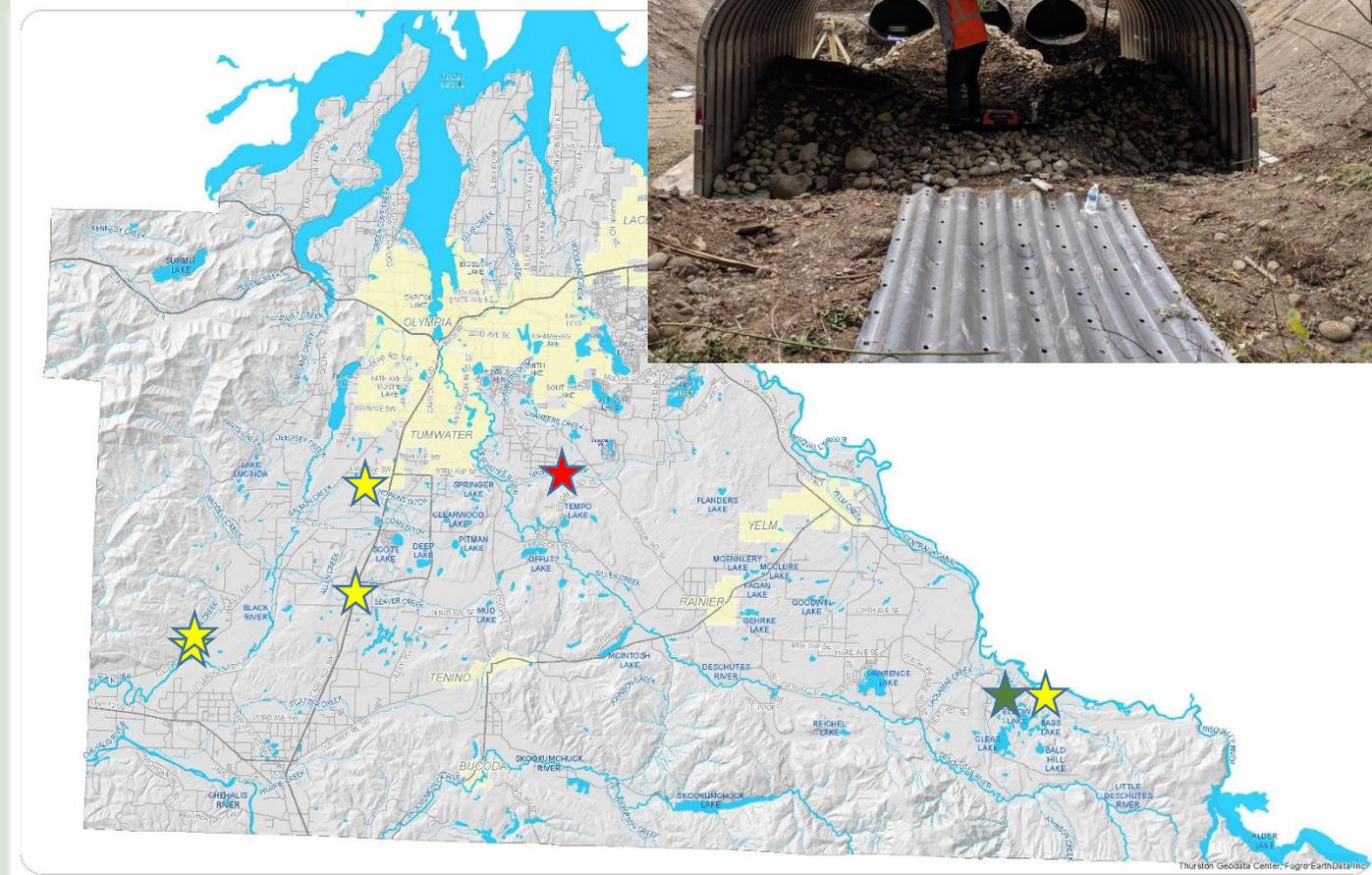
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# LIKELY 2019/2020 PROJECTS, AND BEYOND

- Peissner Road at Toboton Creek (2019)
- Peissner Road at Elbow Lake Creek (2020)
- Case Road at Beaver Creek Trib (2020)
- Jones Road at Salmon Creek (2020)
- Gate Road at Baker Creek (2020)
- Gate Road at Mima Creek Trib (2020)
- Spurgeon Creek at Latigo and Chehalis Western Trail (2021) – **Brian Abbot Grant**



# QUESTIONS?

